

ABSTRACT

A host device 1 includes an NG table 10 for storing addresses specifying areas of a bulk memory 3 into which data cannot be written, a performance-guaranteed environment determination means 11 for determining whether or not the current environment of the bulk memory 3 is outside a performance-guaranteed environment where the performance of the bulk memory 3 is guaranteed, and control means 12, 13, 14, and 15 for writing data in an area of the bulk memory which is specified by an address which is not stored in the NG table 10 when the performance-guaranteed environment determination means 11 determines that the current environment is outside the performance-guaranteed environment. Therefore, even if the current environment of the bulk memory is outside the performance-guaranteed environment, the host device can normally write data in the bulk memory, thereby improving the reliability of the system.